

Application No. 10/705,591
Response dated: August 31, 2006
Reply to Final Office Action of June 1, 2006

Amendments to the Claims:

This listing of claims is provided for convenience.

Listing of Claims:

1. (Previously Presented) A reflector for a back light assembly for use in an LCD device, comprising:
a base film;
a protrusion provided on a first surface of the base film, the first surface being substantially flat; and
a reflecting layer deposited on the first surface of the base film and the protrusion, for reflecting light generated from a lamp.
2. (Original) The reflector according to claim 1, wherein the protrusion is made of elastic material.
3. (Original) The reflector according to claim 2, wherein the protrusion is made of silicon resin.
4. (Original) The reflector according to claim 1, wherein the protrusion is embossed on the base film.
5. (Original) The reflector according to claim 1, wherein the reflector includes a plurality of the protrusions having a dotted pattern.
6. (Original) The reflector according to claim 1, further comprising a deformation prevention part for preventing the base film from being deformed, the deformation prevention part being formed on a second surface of the base film opposite to the first surface.

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7. (Original) The reflector according to claim 6, wherein the deformation prevention part is embossed on the second surface of the base film.

8. (Original) The reflector according to claim 6, wherein the reflector includes a plurality of the deformation prevention parts having a dotted pattern.

9. (Original) A back light assembly for an LCD panel, comprising:
the reflector according to claim 1;
a light guide plate disposed on the reflector; and
a lamp unit disposed at a side of the light guide plate, for emitting light into the light guide plate.

10. (Original) The back light assembly according to claim 9, further comprising a plurality of prism teeth formed on a surface of the light guide plate facing the reflector.

11. (Previously Presented) The back light assembly according to claim 10, wherein the protrusion is substantially a circular, spherical or cylindrical shape, the protrusion of the reflector having a diameter smaller than a pitch of the prism teeth of the light guide plate.

12. (Original) The back light assembly according to claim 9, wherein an interval between the adjacent protrusions on the base film varies in inverse proportion to a distance between the protrusions and the lamp unit.

13. (Original) The back light assembly according to claim 10, further comprising an optical sheet layer disposed on the light guide plate, the optical sheet layer having a plurality of prism teeth on a surface thereof facing the light guide plate.

14. (Original) The back light assembly according to claim 13, wherein the prism teeth of the light guide plate are arranged in a direction across the prism teeth of the optical sheet layer.

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15. (Original) The back light assembly according to claim 9, further comprising a deformation prevention part for preventing the base film from being deformed, the deformation prevention part being formed on a second surface of the base film opposite to the first surface.

16. (Original) The back light assembly according to claim 15, further comprising a plurality of prism teeth formed on a surface of the light guide plate facing the reflector.

17. (Previously Presented) The back light assembly according to claim 16, wherein the protrusion is substantially circular, spherical or cylindrical shape, the protrusion of the reflector having a diameter smaller than a pitch of the prism teeth of the light guide plate.

18. (Original) The back light assembly according to claim 16, wherein an interval between the adjacent protrusions on the base film varies in inverse proportion to a distance between the protrusions and the lamp unit.

19. (Original) The back light assembly according to claim 16, further comprising an optical sheet layer disposed on the light guide plate, the optical sheet layer having a plurality of prism teeth on the surface thereof facing the light guide plate.

20. (Original) The back light assembly according to claim 19, wherein the prism teeth of the light guide plate are arranged in a direction across the prism teeth of the optical sheet layer.